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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/630,501	07/30/2003	Robert L. Turner	54599US032	7907
36001	7590	07/09/2007	EXAMINER	
3M INNOVATIVE PROPERTIES COMPANY P.O. BOX 33427 ST. PAUL, MN 55133-3427				
			ART UNIT	PAPER NUMBER

DATE MAILED: 07/09/2007

Please find below and/or attached an Office communication concerning this application or proceeding.

**Notification of Non-Compliant Appeal Brief
(37 CFR 41.37)**

Application No.

10/630,501

Applicant(s)

TURNER ET AL.

Examiner

Raymond Alejandro

Art Unit

1745

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

The Appeal Brief filed on 09 March 2007 is defective for failure to comply with one or more provisions of 37 CFR 41.37.

To avoid dismissal of the appeal, applicant must file an amended brief or other appropriate correction (see MPEP 1205.03) within **ONE MONTH or THIRTY DAYS** from the mailing date of this Notification, whichever is longer.

EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136.

1. ☐ The brief does not contain the items required under 37 CFR 41.37(c), or the items are not under the proper heading or in the proper order.
2. ☐ The brief does not contain a statement of the status of all claims, (e.g., rejected, allowed, withdrawn, objected to, canceled), or does not identify the appealed claims (37 CFR 41.37(c)(1)(iii)).
3. ☐ At least one amendment has been filed subsequent to the final rejection, and the brief does not contain a statement of the status of each such amendment (37 CFR 41.37(c)(1)(iv)).
4. ☒ (a) The brief does not contain a concise explanation of the subject matter defined in each of the independent claims involved in the appeal, referring to the specification by page and line number and to the drawings, if any, by reference characters; and/or (b) the brief fails to: (1) identify, for each independent claim involved in the appeal and for each dependent claim argued separately, every means plus function and step plus function under 35 U.S.C. 112, sixth paragraph, and/or (2) set forth the structure, material, or acts described in the specification as corresponding to each claimed function with reference to the specification by page and line number, and to the drawings, if any, by reference characters (37 CFR 41.37(c)(1)(v)).
5. ☐ The brief does not contain a concise statement of each ground of rejection presented for review (37 CFR 41.37(c)(1)(vi)).
6. ☐ The brief does not present an argument under a separate heading for each ground of rejection on appeal (37 CFR 41.37(c)(1)(vii)).
7. ☐ The brief does not contain a correct copy of the appealed claims as an appendix thereto (37 CFR 41.37(c)(1)(viii)).
8. ☐ The brief does not contain copies of the evidence submitted under 37 CFR 1.130, 1.131, or 1.132 or of any other evidence entered by the examiner **and relied upon by appellant in the appeal**, along with a statement setting forth where in the record that evidence was entered by the examiner, as an appendix thereto (37 CFR 41.37(c)(1)(ix)).
9. ☐ The brief does not contain copies of the decisions rendered by a court or the Board in the proceeding identified in the Related Appeals and Interferences section of the brief as an appendix thereto (37 CFR 41.37(c)(1)(x)).
10. ☒ Other (including any explanation in support of the above items):

See Continuation Sheet.

**RAYMOND ALEJANDRO
PRIMARY EXAMINER**

Raymond Alejandro
Primary Examiner
Art Unit: 1745

Continuation of 10. Other (including any explanation in support of the above items): See MPEP 1205.02. As applicant is well-aware, the summary of the claimed subject matter exceeds applicant's instant invention or does not specifically point out where the current specification disclose certain features.

For instance, applicant's Summary of Claimed Subject Matter in the 03/09/2007 Supplemental Appeal Brief states that the present claims are directed towards, inter-alia, a) "a defined chemical composition and a defined microstructure (i.e. the way in which the individual chemical constituents are arranged" (page 2 of 15); b) "chemical constituents can be assembled at the atomic level in a variety of different ways", included therein is a recitation of "graphite and diamond, and carbon atoms" (page 2 of 15); c) "the manner in which a composition is prepared affects its microstructure" (such as to imply that the method of forming the composition is currently claimed (page 2 of 15); d) subject matter of claims 2-16 is not mapped to the specification (See pages 2-4 of the Appeal Brief dated 03/09/07).

Since section V is strictly related to "SUMMARY of CLAIMED Subject Matter", applicant is kindly requested to show where the present claims, or at least independent claims 1 and 17 do recite each and every limitation mentioned above. In other words, applicant's SUMMARY of CLAIMED Subject matter is not commensurate in scope with the present invention as instantly claimed. With respect to claims 2-16, applicant is kindly requisitioned to fully map the features of those claims to the specification.

Applicant is kindly requested to carefully review MPEP 1205.02 to correct the above-indicated deficiencies so as to avoid further delays due to formal matters of an appeal brief.